

FIGURE 4 (PRIOR ART)

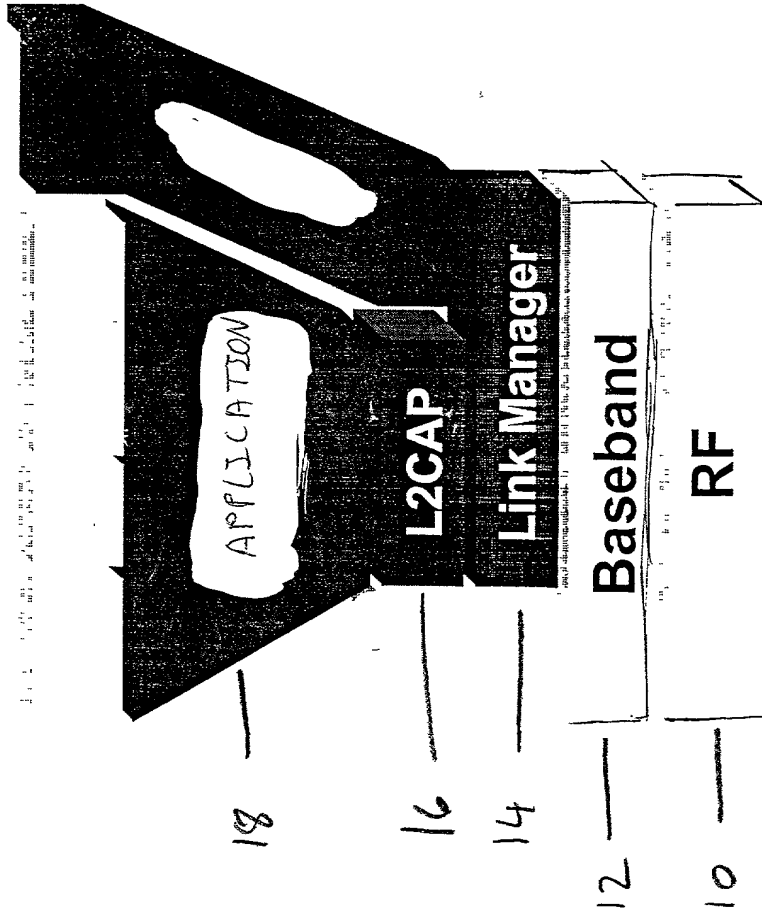


FIGURE 2

		UNIT 1 (s1)				UNIT 2 (s2)				UNIT 3 (s3)			
slot	action	T1(s1)	T1 flag	T2(s1)	T1(s2)	T1 flag	T2(s2)	T1(s3)	T1 flag	T2(s3)			
0	m0 polls s1	0	FALSE	0	2	FALSE	0	2	FALSE	0			
2	m0 polls s2	2	FALSE	0	0	FALSE	0	4	FALSE	0			
4	m0 polls s3	4	FALSE	0	2	FALSE	0	0	FALSE	0			
6		6	FALSE	0	4	FALSE	0	2	FALSE	0			
8		8	FALSE	0	6	FALSE	0	4	FALSE	0			
10		0	TRUE	0	8	FALSE	0	6	FALSE	0			
12		2	TRUE	2	0	TRUE	0	8	FALSE	0			
14	m0 polls s3	4	FALSE	0	2	FALSE	0	0	FALSE	0			
16	m0 dissappears	6	FALSE	0	4	FALSE	0	2	FALSE	0			
18		8	FALSE	0	6	FALSE	0	4	FALSE	0			
20		0	TRUE	0	8	FALSE	0	6	FALSE	0			
22		2	TRUE	2	0	TRUE	0	8	FALSE	0			
24		4	TRUE	4	2	TRUE	2	0	TRUE	0			
26		6	TRUE	6	4	TRUE	4	2	TRUE	2			
28		8	TRUE	8	6	TRUE	6	4	TRUE	4			
30	S1 performs forced	0	TRUE	10	8	TRUE	8	6	TRUE	6			
32	M/S switch	2	TRUE	x	0	FALSE	0	8	FALSE	0			
34		4	TRUE	x	2	FALSE	0	0	FALSE	0			
36		6	TRUE	x	4	FALSE	0	2	FALSE	0			
38		8	TRUE	x	6	FALSE	0	4	FALSE	0			

FIGURE 3

step	action			T2(s3)	T2(s5)
20	s1 initiates masterless role-switching procedure				
22	s1 sends FHS to AM_ADDR=2			reset	reset
24	s1 sends FHS to AM_ADDR=3				reset
26	s3 joins s1 piconet				
28	end joining procedure				reset
30	s1 sends FHS to AM_ADDR=4				reset
32	s1 sends FHS to AM_ADDR=5				
34	s5 joins the new piconet				

FIGURE 4

Unit Name AM_ADDR LCID CH

Olly	1	0x41	0x01
Therese	3	0x43	0x03
Fay	5	0x45	0x05

m0

a

Max	0	0x41	0x01
Therese	3	-	-
Fay	5	-	-

s1

b

Max	0	0x41	0x01
Olly	1	-	-
Fay	5	-	-

s3

c

Max	0	0x41	0x01
Olly	1	-	-
Therese	3	-	-

s5

d

FIGURE 5

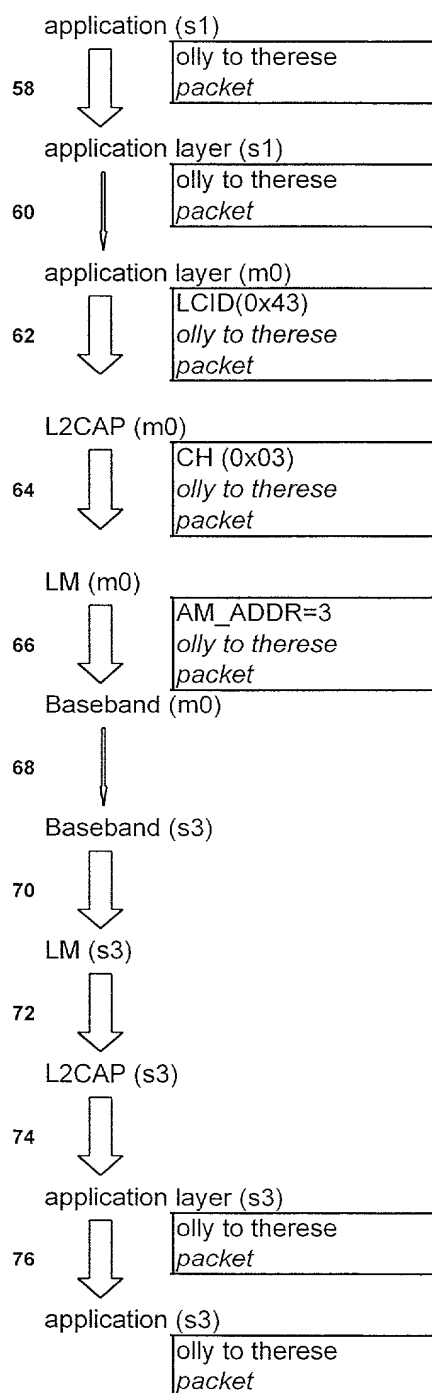


FIGURE 6

80

s1				s3				s5			
max	0	0x41	0x01	max	0	0x41	0x01	max	0	0x41	0x01
Therese	3	-	-	olly	1	-	-	olly	1	-	-
fay	5	-	-	fay	5	-	-	therese	3	-	-

82

baseband(s1) informs application adaptation layer (s1) that Max is gone

application adaptation layer(s1) informs application(s1) that Max is gone

baseband(s1) sends LCI_SwitchCompleteEvent() to LM(s1)

84

baseband(s3) informs application adaptation layer (s3) that Max is gone

application adaptation layer(s3) informs application(s3) that Max is gone

baseband(s3) sends LCI_SwitchCompleteEvent() to LM(s3)

86

baseband(s5) sends LCI_SwitchCompleteEvent() to LM(s5)

application adaptation layer(s5) informs application(s5) that Max is gone

baseband(s5) sends LCI_SwitchCompleteEvent() to LM(s5)

88

addressing list (s1), (s3) and (s5) are amended

s1				s3				s5			
Max	0	0x41	0x01	Max	0	0x41	0x01	Max	0	0x41	0x01
Therese	3	-	-	Oilly	0	-	-	Oilly	0	-	-
Fay	5	-	-	Fay	5	-	-	Therese	3	-	-

90

LM(s1) connects to LM(s3), new CH parameters assigned

92

LM(s1), (s3) send HCI_SwitchCompleteEvent() to L2CAP(s1), (s3)

94

addressing list (s1) and s(3) are amended

s1				s3				s5			
Therese	3	-	0x03	Oilly	0	-	0x00	Oilly	0	-	-
Fay	5	-	-	Fay	5	-	-	Therese	3	-	-

96

L2CAP(s1) connects to L2CAP(s3), new LCID parameters assigned

98

addressing list (s1) and s(3) are amended

s1				s3				s5			
Therese	3	0x43	0x03	Oilly	0	0x40	0x00	Oilly	0	-	-
Fay	5	-	-	Fay	5	-	-	Therese	3	-	-

100

LM(s1) connects to LM(s5), new CH parameters assigned

102

LM(s1), (s5) send HCI_SwitchCompleteEvent() to L2CAP(s1), (s5)

104

addressing list (s1) and s(5) are amended

s1				s3				s5			
Therese	3	0x43	0x03	Oilly	0	0x40	0x00	Oilly	0	-	0x00
Fay	5	-	0x05	Fay	5	-	-	Therese	3	-	-

106

L2CAP(s1) connects to L2CAP(s5), new LCID parameters assigned

108

addressing list (s1) and s(5) are amended

s1				s3				s5			
Therese	3	0x43	0x03	Oilly	0	0x40	0x00	Oilly	0	0x40	0x00
Fay	5	0x45	0x05	Fay	5	-	-	Therese	3	-	-

FIGURE 7

